

**Material Safety Data Sheet**

Emergency Telephone Number  
314-982-5000

Mallinckrodt Inc.  
Science Products Division  
P.O. Box M  
Paris, Kentucky 40361

Effective Date: 04-06-89 Supersedes 11-03-85

**PRODUCT IDENTIFICATION:**

Synonyms: Caustic soda; lye; sodium hydroxide solid; sodium hydrate

Formula CAS No.: 1310-73-2

Molecular Weight: 40.00

Hazardous Ingredients: [REDACTED]

Chemical Formula: NaOH

**PRECAUTIONARY MEASURES**

DANGER! MAY BE FATAL IF SWALLOWED. CAUSES SEVERE BURNS.

Do not get in eyes, on skin, or on clothing.

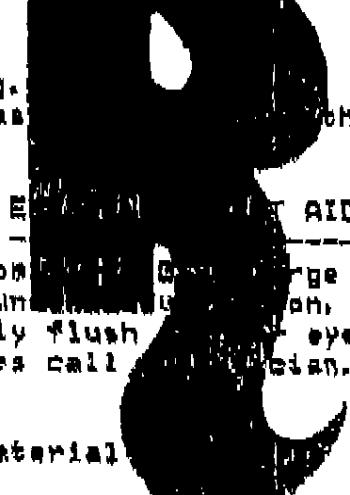
Avoid breathing dust.

Keep container closed.

Use with adequate ventilation.

Wash thoroughly after handling.

This substance is classified as dangerous under the Federal Caustic Poison Act.



**EMERGENCY MEDICAL AID**

If swallowed, do NOT induce vomiting. Give large quantities of water. Never give anything by mouth to an unconscious person. Call a physician immediately. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. In all cases call a physician.  
**SEE SECTION 5.**

DOT Hazard Class: Corrosive Material

**Physical Data**

Appearance: White, deliquescent pellets.

Odor: Odorless.

Solubility: 111 g/100 g of water.

Boiling Point: 1390 C (2534 F)

Vapor Density (Air=1): No information found.

Melting Point: 319 C (604 F)

Vapor Pressure (mm Hg): Negligible.

Specific Gravity (water=1): 2.13

Evaporation Rate: No information found.

NFPA Ratings: Health: 3 Flammability: 0 Reactivity: 1